

JA 3051-61

AF 1584

84-111234/18 DAINIPPCN TORYO KK (MATU) 17.09.82-JP-162051 (26.03.84) B41m-05 C09d-11 Aq. ink jet compsn. - contg. water-soluble dye, wetting agent and water soluble copper cpds. other than sulphate	A97 E24 G02 P75 (E19 E32) DNTO 17.09.82 *J5 9051-961-A	A(12-W7D) E(5-L3B, 35-A) G(2-A4A)	53.9
		Direct Red 277 or 225, C.I. Acid Red 97, 92, 52, 94 or 289 or C.I. Direct Black 51.	
		<u>PREFERRED WETTING AGENTS</u> The wetting agent is diethylene glycol, triethylene glycol, polyethylene glycol, glycerine, propylene glycol, ethylene glycol monomethyl ether, diethylene glycol monobutyl ether, ethylene glycol monomethyl ether acetate, tri-propylene glycol methyl ether or hydroxalkyl formamide.	
		<u>PREFERRED COPPER CPD.</u> The Cu cpd. is CuCl ₂ , CuBr ₂ , Cu(NO ₃) ₂ , Cu acetate, cuprous pyridylazonaphthol complex, cuprous ethylene diamine tetra-acetate complex, cuprous amino acrylic resin complex, a reaction product of dl-a-alanine and Cu, a reaction product of Cu and glycine, a reaction product of Cu and lactic acid, or a reaction product of Cu and β-hydroxypropionic acid.	
		<u>PREFERRED QUENCHER</u> The quencher is KI, KBr, KCl, KSCN, CoSO ₄ , Co ₂ (SO ₄) ₂ , CuSO ₄ , FeSO ₄ , NiSO ₄ or Ni oxalate.	
		<u>PREFERRED SOLVENT</u>	J59051961-A

The water-soluble solvent is dioxane, acetone, diacetone alcohol, 1-3C alkyl alcohol, DMF, DMSO or N-methyl-2-pyrrolidone.

PREFERRED ADDITIONAL MATERIALS

The surface tension controller is a cationic, anionic or amphoteric surfactant.

The viscosity improver is hydroxypropyl cellulose, carboxymethyl cellulose, hydroxyethyl cellulose or polyvinyl alcohol.

The antifungal agent or preservative is Na tetrahydroacetate, 1,2-bisisothiazoline-3-one or 6-acetoxy-2,4-dimethyl-, dioxane. (7ppW-59WADwgNo. 0/0).

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